ELSEVIER

Gene Structure and Expression

Vol. 1350, 1997

BIOCHIMICA ET BIOPHYSICA ACTA
BBA

Author Index

Abe, Y., see Itoh, S. (1350) 155
Akashi, K., Hirayama, J., Takenaka, M., Yamaoka, S., Suyama, Y., Fukuzawa, H. and Ohyama, K.
Accumulation of nuclear-encoded $tRNA^{Thr}$ (AGU) in mitochondria of the liverwort *Marchantia polymorpha* (1350) 262
Asayama, M., Kabasawa, M. and Shirai, M.
A novel genetic organization: the *leuA-rpoD1* locus in the cyanobacterium *Microcystis aeruginosa* K-81 (1350) 15
Aslanidis, C., see Langmann, T. (1350) 65
Atomi, H., see Umemura, K. (1350) 80

Barciszewska, M.Z., see Szymański, M. (1350) 75
Barciszewski, J., see Szymański, M. (1350) 75
Bartlett, D.H., see Welch, T.J. (1350) 41
Bauer, G.S., see Zhang, Z. (1350) 53
Baylink, D.J., see Qin, X. (1350) 136
Becker, A., see Langmann, T. (1350) 65
Bendtzen, K., see Rieneck, K. (1350) 128
Bente Foss, K., Solberg, R., Simard, J., Myklebust, F., Hansson, V., Jahnsen, T. and Taskén, K.
Molecular cloning, upstream sequence and promoter studies of the human gene for the regulatory subunit RIIα of cAMP-dependent protein kinase (1350) 98
Bernard, V., see Wyler-Duda, P. (1350) 259
Besirli, C.G., Gong, T.-W.L. and Lomax, M.I.
Novel β_3 isoform of the Na,K-ATPase β subunit from mouse retina (1350) 21
Boonyaratanakornkit, V., see Qin, X. (1350) 136

Cavallius, J., Popkie, A.P. and Merrick, W.C.
Site-directed mutants of post-translationally modified sites of yeast eEF1A using a shuttle vector containing a chromogenic switch (1350) 345
Chen, D., see Feng, J.Q. (1350) 47
Choe, I.S., see Kim, J.W. (1350) 133
Choe, Y.K., see Kim, J.W. (1350) 133
Claessens, F., see Verrijdt, G. (1350) 147
Clays-Josserand, A., see Philippot, L. (1350) 272

Diamant, M., see Rieneck, K. (1350) 128

Erdmann, V.A., see Szymański, M. (1350) 75
Ernst, D., see Wegener, A. (1350) 247
Esparza, J., see Feng, J.Q. (1350) 47

Feng, J.Q., Chen, D., Ghosh-Choudhury, N., Esparza, J., Mundy, G.R. and Harris, S.E.
Bone morphogenetic protein 2 transcripts in rapidly developing deer antler tissue contain an extended 5′ non-coding region arising from a distal promoter (1350) 47
Fotheringham, I.G., see Taylor, P.P. (1350) 38
Frenkiel, T.A., see Lane, A.N. (1350) 205
Fukuzawa, H., see Akashi, K. (1350) 262
Furusawa, T., see Masuda, N. (1350) 27
Furusihima-Shimogawara, R., see Watanabe, Y.-i. (1350) 119
Furuta, S., Kobayashi, A., Miyazawa, S. and Hashimoto, T.
Cloning and expression of cDNA for a newly identified isozyme of bovine liver 3-hydroxyacyl-CoA dehydrogenase and its import into mitochondria (1350) 317

Gallimore, P.H., see Ibrahim, A.P. (1350) 306
Gao, D., Li, Z., Murphy, T. and Sauerbier, W.
Structure and transcription of the gene for translation elongation factor 1 subunit alpha of zebrafish (*Danio rerio*) (1350) 1
Ghosh-Choudhury, N., see Feng, J.Q. (1350) 47
Gimbel, W., see Wegener, A. (1350) 247
Gong, T.-W.L., see Besirli, C.G. (1350) 21
Graifer, D.M., Malygin, A.A., Matasova, N.B., Mundus, D.A., Zenkova, M.A. and Karpova, G.G.
Studying functional significance of the sequence 980–1061 in the central domain of human 18S rRNA using complementary DNA probes (1350) 335
Grand, R.J.A., see Ibrahim, A.P. (1350) 306
Griffin Burns, L. and Peterson, C.L.
Protein complexes for remodeling chromatin (1350) 159
Gururajan, R. and Weeks, D.L.
An3 protein encoded by a localized maternal mRNA in *Xenopus laevis* is an ATPase with substrate-specific RNA helicase activity (1350) 169
Gutschik, E., see Rieneck, K. (1350) 128

Hall, D.H., see Lal, S.K. (1350) 89
Hani, J., see Wegener, A. (1350) 247
Hansson, V., see Bente Foss, K. (1350) 98
Harris, S.E., see Feng, J.Q. (1350) 47
Hashiguchi, N., see Masuda, N. (1350) 27
Hashimoto, T., see Furuta, S. (1350) 317
Hata, S., see Saijo, Y. (1350) 109
Hirayama, J., see Akashi, K. (1350) 262
Hou, F., see Yang, X. (1350) 287
Howarth, J.R., Roberts, M.A. and Wray, J.L.
Cysteine biosynthesis in higher plants: a new member of the Arabidopsis thaliana serine acetyltransferase small gene-family obtained by functional complementation of an *Escherichia coli* cysteine auxotroph (1350) 123
Hunter, W.J., see Kuykendall, L.D. (1350) 277

Ibrahim, A.P., Gallimore, P.H. and Grand, R.J.A.
The expression of MDM2 and other p53-regulated proteins in the tissues of the developing rat (1350) 306
Inui, M., see Momma, K. (1350) 235
Ishijima, S., see Sonoda, T. (1350) 6
Ishizuka, T., see Sonoda, T. (1350) 6

Itoh, S., Abe, Y., Kubo, A., Okuda, M., Shimoji, M., Nakayama, K. and Kamataki, T.
Isolation of a promoter region in mouse cytochrome *P450 3A* (*Cyp3A16*) gene and its transcriptional control (1350) 155
Iwasaki, T., see Sanmiya, K. (1350) 240
Izui, K., see Saijo, Y. (1350) 109
Izuta, M., see Umemura, K. (1350) 80

Jahnsen, T., see Bente Foss, K. (1350) 98
Jenkins, T.C. and Lane, A.N.
AT selectivity and DNA minor groove binding: modelling, NMR and structural studies of the interactions of propamidine and pentamidine with $d(CGCGAATTCGCG)_2$ (1350) 189
Jenkins, T.C., see Lane, A.N. (1350) 205

Kabasawa, M., see Asayama, M. (1350) 15
Kamataki, T., see Itoh, S. (1350) 155
Kanai, T., see Umemura, K. (1350) 80
Kang, H.B., see Kim, J.W. (1350) 133
Karpova, G.G., see Graifer, D.M. (1350) 335
Kille, P., see Olsson, P.-E. (1350) 325
Killick, R. and Richardson, G.
Isolation of chicken alpha ENaC splice variants from a cochlear cDNA library (1350) 33
Kim, J.W., Lee, Y., Lee, I.A., Kang, H.B., Choe, Y.K. and Choe, I.S.
Cloning and expression of human cDNA encoding Na^+,K^+-ATPase γ-subunit (1350) 133
Kita, K., see Sonoda, T. (1350) 6
Kita, K., see Watanabe, Y.-i. (1350) 119
Kobayashi, A., see Furuta, S. (1350) 317
Kodama, S., see Yamashiro, K. (1350) 11
Krueger, S.K., see Yueh, M.-F. (1350) 267
Kubo, A., see Itoh, S. (1350) 155
Kuykendall, L.D. and Hunter, W.J.
The sequence of a symbiotically essential *Bradyrhizobium japonicum* operon consisting of *trpD*, *trpC* and a *moaC*-like gene (1350) 277

Lal, S.K. and Hall, D.H.
Functional and sequence analysis of splicing defective nrdB mutants of bacteriophage T4 reveal new bases and a new sub-domain required for group I intron self-splicing (1350) 89
Lane, A.N., Jenkins, T.C. and Frenkiel, T.A.
Hydration and solution structure of $d(CGCAAATTTGCG)_2$ and its complex with propamidine from NMR and molecular modelling (1350) 205
Lane, A.N., see Jenkins, T.C. (1350) 189
Langmann, T., Becker, A., Aslanidis, C., Notka, F., Ullrich, H., Schwer, H. and Schmitz, G.
Structural organization and characterization of the promoter region of a human carboxylesterase gene (1350) 65
Lee, I.A., see Kim, J.W. (1350) 133
Lee, K.-W., see Qin, X. (1350) 136
Lee, Y., see Kim, J.W. (1350) 133
Lensi, R., see Philippot, L. (1350) 272
Li, Z., see Gao, D. (1350) 1
Lomax, M.I., see Besirli, C.G. (1350) 21

Malygin, A.A., see Graifer, D.M. (1350) 335
Masuda, N., Yasumo, H., Tamura, T., Hashiguchi, N., Furusawa, T., Tsukamoto, T., Sadano, H. and Osumi, T.
An orphan nuclear receptor lacking a zinc-finger DNA-binding domain: interaction with several nuclear receptors (1350) 27
Matasova, N.B., see Graifer, D.M. (1350) 335
Matsuoka, M., see Sanmiya, K. (1350) 240
Meisterernst, M., see Valcárcel, R. (1350) 229
Mendelsohn, N.J., see Zhang, Z. (1350) 53
Merrick, W.C., see Cavallius, J. (1350) 345
Metspalu, A., see Pata, I. (1350) 115
Meyer, M., see Valcárcel, R. (1350) 229
Miyao, M., see Sanmiya, K. (1350) 240
Miyazawa, S., see Furuta, S. (1350) 317
Mohan, S., see Qin, X. (1350) 136
Momma, K., Inui, M., Yamagata, H. and Yukawa, H.
Cloning of *dnaK* and *dnaJ* homologous genes from a purple non-sulfur bacterium *Rhodopseudomonas* species (1350) 235
Morales, S., see Qin, X. (1350) 136
Mundus, D.A., see Graifer, D.M. (1350) 335
Mundy, G.R., see Feng, J.Q. (1350) 47
Murphy, T., see Gao, D. (1350) 1
Myklebust, F., see Bente Foss, K. (1350) 98

Nagamine, Y., see Nanbu, R. (1350) 221
Nakayama, K., see Itoh, S. (1350) 155
Nakazato, H., see Yamashiro, K. (1350) 11
Nanbu, R. and Nagamine, Y.
Mode of transfection influences the stability of ectopically expressed mRNA (1350) 221
Nishikawa, K., see Watanabe, Y.-i. (1350) 119
Normand, P., see Philippot, L. (1350) 272
Notka, F., see Langmann, T. (1350) 65

Ohyama, K., see Akashi, K. (1350) 262
Okuda, M., see Itoh, S. (1350) 155
Oldenburg, I., see Wiedemann, M. (1350) 282
Olsson, P.-E. and Kille, P.
Functional comparison of the metal-regulated transcriptional control regions of metallothionein genes from cadmium-sensitive and tolerant fish species (1350) 325
Osumi, T., see Masuda, N. (1350) 27

Pata, I., Tensing, K. and Metspalu, A.
A human cDNA encoding the homologue of NADH:ubiquinone oxidoreductase subunit B13 (1350) 115
Peeters, B., see Verrijdt, G. (1350) 147
Petersen, G., see Wiedemann, M. (1350) 282
Peterson, C.L., see Griffin Burns, L. (1350) 159
Philippot, L., Clays-Josserand, A., Lensi, R., Trinsoutreau, I., Normand, P. and Potier, P.
Purification of the dissimilative nitrate reductase of pseudomonas fluorescens and the cloning and sequencing of its corresponding genes (1350) 272
Polgar, P., see Yang, X. (1350) 287
Popkie, A.P., see Cavallius, J. (1350) 345
Potier, P., see Philippot, L. (1350) 272

Qin, X., Morales, S., Lee, K.-W., Boonyaratanakornkit, V., Baylink, D.J., Mohan, S. and Strong, D.D.
Structural and functional analysis of the 5′-flanking region of the human insulin-like growth factor binding protein (IGFBP)-4 gene (1350) 136

Renneberg, J., see Rieneck, K. (1350) 128
Richardson, G., see Killick, R. (1350) 33
Rieneck, K., Renneberg, J., Diamant, M., Gutschik, E. and Bendtzen, K.

Molecular cloning and expression of a novel *Staphylococcus aureus* antigen (1350) 128
Roberts, M.A., see Howarth, J.R. (1350) 123
Rombauts, W., see Verrijdt, G. (1350) 147

Sadano, H., see Masuda, N. (1350) 27
Saijo, Y., Hata, S., Sheen, J. and Izui, K.
cDNA cloning and prokaryotic expression of maize calcium-dependent protein kinases (1350) 109
Sandermann Jr., H., see Wegener, A. (1350) 247
Sanmiya, K., Iwasaki, T., Matsuoka, M., Miyao, M. and Yamamoto, N.
Cloning of a cDNA that encodes farnesyl diphosphate synthase and the blue-light-induced expression of the corresponding gene in the leaves of rice plants (1350) 240
Sauerbier, W., see Gao, D. (1350) 1
Schmitz, G., see Langmann, T. (1350) 65
Schümperli, D., see Wyler-Duda, P. (1350) 259
Schwer, H., see Langmann, T. (1350) 65
Sheen, J., see Saijo, Y. (1350) 109
Shimoji, M., see Itoh, S. (1350) 155
Shirai, M., see Asayama, M. (1350) 15
Simard, J., see Bente Foss, K. (1350) 98
Sitzler, S., see Wiedemann, M. (1350) 282
Solberg, R., see Bente Foss, K. (1350) 98
Sonoda, T., Ishizuka, T., Kita, K., Ishijima, S. and Tatibana, M.
Cloning and sequencing of rat cDNA for the 41-kDa phosphoribosylpyrophosphate synthetase-associated protein has a high homology to the catalytic subunits and the 39-kDa associated protein (1350) 6
Specht, T., see Szymański, M. (1350) 75
Stadler, M., see Wyler-Duda, P. (1350) 259
Strauss, A.W., see Zhang, Z. (1350) 53
Stripp, B.R., see Zhang, L. (1350) 359
Strong, D.D., see Qin, X. (1350) 136
Stunnenberg, H.G., see Valcárcel, R. (1350) 229
Suda, T., see Yamaguchia, Y. (1350) 141
Suter, D., see Wyler-Duda, P. (1350) 259
Suyama, Y., see Akashi, K. (1350) 262
Swinnen, J., see Verrijdt, G. (1350) 147
Szymański, M., Barciszewska, M.Z., Barciszewski, J., Specht, T. and Erdmann, V.A.
Compilation of ribosomal 5S ribonucleic acid nucleotide sequences: eukaryotic 5S rRNAs (1350) 75

Takaishi, H., Yamada, H. and Yabe, Y.
Preferential expression of alternatively spliced transcript of type II procollagen in the rabbit notochordal remnant and developing fibrocartilages (1350) 253
Takamiya, S., see Watanabe, Y.-i. (1350) 119
Takenaka, M., see Akashi, K. (1350) 262
Takeshita, S., see Umemura, K. (1350) 80
Tamura, T., see Masuda, N. (1350) 27
Tanaka, A., see Umemura, K. (1350) 80
Tanaka, T., see Yamashiro, K. (1350) 11
Taskén, K., see Bente Foss, K. (1350) 98
Tatibana, M., see Sonoda, T. (1350) 6
Taylor, L., see Yang, X. (1350) 287
Taylor, P.P. and Fotheringham, I.G.
Nucleotide sequence of the *Bacillus licheniformis* ATCC 10716 *dat* gene and comparison of the predicted amino acid sequence with those of other bacterial species (1350) 38
Tenen, D.G., see Yamaguchia, Y. (1350) 141
Tensing, K., see Pata, I. (1350) 115
Trinsoutreau, I., see Philippot, L. (1350) 272
Tsujimoto, M., see Yamashiro, K. (1350) 11
Tsukamoto, T., see Masuda, N. (1350) 27
Tsurui, H., see Watanabe, Y.-i. (1350) 119
Tsuruoka, N., see Yamashiro, K. (1350) 11

Ueda, M., see Umemura, K. (1350) 80
Ueda, T., see Watanabe, Y.-i. (1350) 119
Ullrich, H., see Langmann, T. (1350) 65
Umemura, K., Atomi, H., Izuta, M., Kanai, T., Takeshita, S., Ueda, M. and Tanaka, A.
Analysis of carbon source-regulated gene expression by the upstream region of the *Candida tropicalis* malate synthase gene in *Saccharomyces cerevisiae* (1350) 80

Valcárcel, R., Meyer, M., Meisterernst, M. and Stunnenberg, H.G.
Requirement of cofactors for RXR/RAR-mediated transcriptional activation in vitro (1350) 229
Verhoeven, G., see Verrijdt, G. (1350) 147
Verrijdt, G., Swinnen, J., Peeters, B., Verhoeven, G., Rombauts, W. and Claessens, F.
Characterization of the human secretory component gene promoter (1350) 147

Wahle, E., see Wittmann, T. (1350) 293
Walz Jr., F.G.
Upstream subsite interactions for oligonucleotide binding with ribonuclease T_1 (1350) 183
Watanabe, K., see Watanabe, Y.-i. (1350) 119
Watanabe, Y.-i., Tsurui, H., Ueda, T., Furusihima-Shimogawara, R., Takamiya, S., Kita, K., Nishikawa, K. and Watanabe, K.
Primary sequence of mitochondrial $tRNA^{Arg}$ of a nematode *Ascaris suum*: occurrence of unmodified adenosine at the first position of the anticodon (1350) 119
Weeks, D.L., see Gururajan, R. (1350) 169
Wegener, A., Gimbel, W., Werner, T., Hani, J., Ernst, D. and Sandermann Jr., H.
Molecular cloning of ozone-inducible protein from *Pinus sylvestris* L. with high sequence similarity to vertebrate 3-hydroxy-3-methylglutaryl-CoA-synthase (1350) 247
Welch, T.J. and Bartlett, D.H.
Cloning, sequencing and overexpression of the gene encoding malate dehydrogenase from the deep-sea bacterium *Photobacterium* species strain SS9 (1350) 41
Werner, T., see Wegener, A. (1350) 247
Whitsett, J.A., see Zhang, L. (1350) 359
Wiedemann, M., Oldenburg, I., Sitzler, S. and Petersen, G.
Transcription of *DmRP140*, the gene coding for the second-largest subunit of RNA polymerase II (1350) 282
Williams, D.E., see Yueh, M.-F. (1350) 267
Wittmann, T. and Wahle, E.
Purification and characterization of full-length mammalian poly(A) polymerase (1350) 293
Wray, J.L., see Howarth, J.R. (1350) 123
Wyler-Duda, P., Bernard, V., Stadler, M., Suter, D. and Schümperli, D.
Histone H4 mRNA from the nematode *Ascaris lumbricoides* is *cis*-spliced and polyadenylated (1350) 259

Yabe, Y., see Takaishi, H. (1350) 253
Yamada, H., see Takaishi, H. (1350) 253
Yamagata, H., see Momma, K. (1350) 235
Yamaguchi, N., see Yamashiro, K. (1350) 11

Yamaguchia, Y., Tenen, D.G. and Suda, T.
Functional characterization of the promoter for the gene encoding murine CD34 (1350) 141
Yamamoto, N., see Sanmiya, K. (1350) 240
Yamamura, Y., see Yamashiro, K. (1350) 11
Yamaoka, S., see Akashi, K. (1350) 262
Yamashiro, K., Tsuruoka, N., Kodama, S., Tsujimoto, M., Yamamura, Y., Tanaka, T., Nakazato, H. and Yamaguchi, N.
Molecular cloning of a novel trypsin-like serine protease (neurosin) preferentially expressed in brain (1350) 11
Yang, X., Hou, F., Taylor, L. and Polgar, P.
Characterization of human cyclooxygenase 2 gene promoter localization of a TGF-β response element (1350) 287
Yasumo, H., see Masuda, N. (1350) 27
Yueh, M.-F., Krueger, S.K. and Williams, D.E.
Pulmonary flavin-containing monooxygenase (FMO) in rhesus macaque: expression of FMO2 protein, mRNA and analysis of the cDNA (1350) 267
Yukawa, H., see Momma, K. (1350) 235

Zenkova, M.A., see Graifer, D.M. (1350) 335
Zhang, L., Whitsett, J.A. and Stripp, B.R.
Regulation of Clara cell secretory protein gene transcription by thyroid transcription factor-1 (1350) 359
Zhang, Z., Zhou, Y., Mendelsohn, N.J., Bauer, G.S. and Strauss, A.W.
Regulation of the human long chain acyl-CoA dehydrogenase gene by nuclear hormone receptor transcription factors (1350) 53
Zhou, Y., see Zhang, Z. (1350) 53